

# Root Cause Analysis (RCAT) Technique Online Workshop



## TRAINING OVERVIEW

Root Cause Analysis (RCA) is one of many quality improvement methods used to detect, understand, as well as resolve any root causes of problems or incidents. It is the implementation of a series of widely known methods which, when utilized in various combinations, can produce a methodical, documented, and calculated approach to the determination, comprehension, and resolution of underlying causes of under achieved quality in organizations.

In the Energy sector, training in Root Cause Analysis is imperative, especially in firms where high-risk activities occur on a regular basis. This two-day training provides you with the right techniques to effectively achieve this.

## LEARNING OBJECTIVES

At the end of this program, participants will be able to:

- Understand and use a simple technique to investigate accidents or incidents.
- Introduce a systematic approach to investigation
- Review Loss Causation Model
- Identify causes and control activities
- Determine necessary control actions
- Orient to RCAT
- Discuss benefits and uses of RCAT
- Participate in workshop exercises

### **Group Exercise:**

Participants will be placed into groups to discuss and complete a root cause analysis report based on an accident/incident case study. At the end of the session, each group will present their report to the class. All reports will be critiqued during the session and should be submitted at the end of the last session.

## FACILITATOR'S BACKGROUND

### **Mr. Alfred Phillips, Managing Director,** **SET, Ready & Go Ltd / SHEQ Institute Ltd.**

With over 36 years of industrial experience (construction and petrochemicals), Mr. Phillips has established himself as a leader in the field. He has worked with several leading companies in positions such as Plant Operator, Maintenance Technician, Mechanical/Maintenance Engineer, Project Engineer, Senior Engineer, Manager - Safety & Security and Safety (HSE) Consultant.

Over the past fifteen (15) years, Mr. Phillips has been the Managing Director of SET, Ready and Go Limited which provides consultancy, training and contracting services in HSEQ. He is also the Managing Director of SHEQ Institute Limited which is tertiary education institute. He has developed certificate, diploma and degree programmes in Safety. The Diploma in Health & Safety and the Degree (BSc.) in Safety has been approved by the Accreditation Council of Trinidad and Tobago (ACTT). Mr. Phillips also lectures in the Diploma and Degree programmes.

## WORKSHOP DETAILS

**Date:** 15<sup>th</sup> & 16<sup>th</sup> December 2022

**Time:** 9:00 am – 3:00 pm

**Cost:** Members: \$1000 per participant  
Non-members: \$1200 per participant

**Note:** *Cost inclusive of all training materials and certificates.  
All costs quoted are VAT exclusive*

**Venue:** Online via Zoom

**Contact:** Chrystal Joshua- George @ 679-7113 ext. 38 or  
[admin@learningcentre.energy.tt](mailto:admin@learningcentre.energy.tt)

**Certification:**

In order for a certificate to be issued, the participant must attend all sessions and complete all exercises conducted during the sessions.